



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-251064
Lot Number: SAMPLE
Product Name: Spiramycin
CAS Number: 8025-81-8
Molecular Formula: $C_{43}H_{74}N_2O_{14}$
Molecular Weight: 843.058

Test	Result
Appearance	Off-White Powder
Assay	4565 IU / mg
Composition	Spiramycin I : 88.8 % Spiramycin II : 0.6 % Spiramycin III : 2.3 % Total Spiramycin I, II, III : 92 %
Melting Point	124 - 132 ° C
pH	9.7 units at room temperature
Absorbance	maxima at 232 to 234 nm
Specific Rotation	- 82.2 °
Heavy Metals	≤ 20 ppm
Loss on Drying	1.8 %
Sulfated Ash	0.06 %

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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